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SECRET 112035Z

1966 JAN 11 20 47Z
12 JAN 1966

5245

OX CART

REF 0326

SUBJECT: SIXTH PERIODIC SUMMARY REPORT. THIS REPORT COVERS
PERIOD COB 3 JAN 66 THRU COB 10 JAN 66.

1. MSN NBR SC&DM DP'S ON'S STATUS

000877 UNKNOWN 10 NOV 65 24 NOV 65 CORRELATION UNDER WAY

2. 000877 -- FOR THE TAPE TO FILM CORRELATION THE ELAPSED TIME
WAS READ FROM THE FILM DATA BLOCK AND THE LINE OF INFORMATION WITH
THE CORRESPONDING ELAPSED TIME WAS FOUND ON THE INS TAPE. IF THE
EXACT TIME DID NOT APPEAR ON THE TAPE, AN INTERPOLATION WAS MADE
BETWEEN THE TWO NEAREST TIMES.

THE LATITUDE AND LONGITUDE FROM THE FILM DATA BLOCK WAS COMPARED
TO INS TAPE LATITUDE AND LONGITUDE FOR THE SAME ELAPSED TIMES.

THE ELAPSED TIME FROM THE FILM DATA BLOCK RECORDED CONSECUTIVELY
UNTIL TITLED FRAME 1010. FRAMES 1010 AND 1011 RECORDED THE SAME
ELAPSED TIME OF 17997. FRAME 1012 RECORDS AN ELAPSED TIME OF
82007. FRAMES 1013 TO 1291 RECORD ELAPSED TIMES OF OVER 80000
SECONDS. THESE VALUES ARE ALL TOO HIGH FOR THE INS TAPE.

THE CAMERAS AND THE INS TAPE DID NOT RECORD DURING TWO
ELAPSED TIME REGIONS IN FLIGHT. THESE REGIONS ARE:

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25X1

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1. TITLED FRAME 659 READS ELAPSED TIME 9797.

TITLED FRAME 660 READS ELAPSED TIME 13563.

THE INS TAPE SHOWS AN INTERVAL FROM 9789 TO 13555.

2. TITLED FRAME 785 READS ELAPSED TIME 14187.

TITLED FRAME 786 READS ELAPSED TIME 16915.

THE INS TAPE SHOWS AN INTERVAL FROM 14174 TO 16906.

THE FRAME NUMBER IN THE FILM DATA BLOCK RECORDED INCORRECTLY FOR 95 PERCENT OF THE MISSION, E.G. FRAME NUMBER IN DATA BLOCK READS 314 OR 315 FOR TITLED FRAMES 660 TO 1010. TITLED FRAME NUMBERS WERE CORRECT THROUGHOUT THE MISSION.

FOR THE SAME ELAPSED TIME THE INS TAPE INTERPOLATED LATITUDE AND LONGITUDE WERE SUBTRACTED FROM THE FILM LATITUDE AND LONGITUDE AND THE DIFFERENCES VARIED PLUS OR MINUS 7 MINUTES. THE DIFFERENCE WOULD VARY FROM POSITIVE TO NEGATIVE OVER THE MISSION.

THE INS COORDINATES GENERALLY LEAD THE FILM DATA BLOCK COORDINATES IN THE DIRECTION OF FLIGHT FOR THE SAME ELAPSED TIME. EVALUATION OF THIS APPARENT LAG IS NOT COMPLETED. (I.E. IS IT CONSTANT OR VARIABLE.)

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-END OF MESSAGE-